I claim:

- 1. An airless atomizing nozzle, comprising:
- a) a tubular body including a bore having an inlet and5 an outlet;
 - b) said body including a first face disposed at said outlet;
 - c) a cylindrical member including a second face and a cylindrical delivery channel secured at said outlet, said delivery channel having substantially uniform diameter;
 - d) said delivery channel including a tapered inlet and an outlet terminating at said second face; and
 - e) a pin including a target area spaced from and directly over said delivery channel outlet.
- 2. An airless atomizing nozzle as in claim 1, wherein said second face is flush with said first face.
 - 3. An airless atomizing nozzle as in claim 1, wherein said second face is recessed with respect to said first face.
- An airless atomizing nozzle as in claim 1, wherein said
 second face is raised above said first face.
 - 5. An airless atomizing nozzle as in claim 1, wherein said member is made of borosilicate glass.
 - 6. An airless atomizing nozzle as in claim 1, wherein:
- a) said body includes an inwardly projecting first shoulder in said bore; and
 - b) said member includes a complementary inwardly

projecting second shoulder that engages said first shoulder.

- 7. An airless atomizing nozzle as in claim 1, wherein said pin is secured to said body with adhesive.
- 8. An airless atomizing nozzle as claim 7, wherein said adhesive is UV curable.
 - 9. An airless atomizing nozzle as in claim 1, wherein said pin is made of stainless steel.
 - 10. An airless atomizing nozzle as in claim 1, wherein said pin is U-shaped.
- 10 11. An airless atomizing nozzle as in claim 1, wherein said body includes outside threads for securing to a source of water to be atomized.
 - 12. An airless atomizing nozzle as in claim 1, wherein said body is made of stainless steel.
- 15 13. An airless atomizing nozzle, comprising:
 - a) a tubular body including a bore having an inlet and an outlet;
 - b) said body including a first face disposed at said outlet;
- c) a member including a second face and an orifice secured at said outlet;
 - d) a pin including a target area spaced from and directly over said delivery channel outlet; and
- e) said pin is secured to said body with UV curable 25 adhesive.
 - 14. An airless atomizing nozzle as in claim 13, wherein:

- a) said body includes a lip disposed at the periphery of said bore outlet;
 - b) said member is supported by said lip.
- 15. An airless atomizing nozzle as in claim 14, wherein said member is secured to said lip by crimping a portion of said bore outlet disposed above said lip toward said orifice member.
 - 16. An airless atomizing nozzle as in claim 14, wherein said member is secured to said lip by adhesive.
- 17. An airless atomizing nozzle as in claim 16, wherein 10 said adhesive is UV curable.
 - 18. An airless atomizing nozzle as in claim 13, wherein said member is cylindrical including a delivery channel including a tapered inlet and an outlet terminating at said orifice.
- 19. A method for aligning a target on a pin over an orifice in an airless atomizing nozzle body, comprising:
 - a) positioning the target over the orifice;
 - b) directing light through the orifice toward the target;
- 20 c) detecting light passing past the target;
 - d) re-positioning the target over the orifice until the light passing past the target substantially disappears; and
 - e) securing the pin to the nozzle body.
- 20. A method as in claim 19, wherein said securing is implemented with UV curable adhesive.
 - 21. A method as in claim 19, wherein said directing light

is implemented with an optic fiber.

- 22. A method as in claim 19, wherein:
 - a) said orifice is provided by a micro capillary; and
 - b) said directing light is implemented with an optic
- 5 fiber one end of which is supported by the micro capillary.
 - 23. A method as in claim 19, wherein:
 - a) said detecting is implemented with a light detector; and
- b) said positioning is implemented with a holdingmechanism connected to the light detector.